

WHAT IS CLAIMED IS:

Sub A1 1. A communication method for a portable radio terminal with
2 an infrared communication function, said communication method
3 comprising:

4 a step of judging whether a radio communication function
5 section is in radio communication or not; and

6 a step of controlling a driving current of a light emitting
7 element in an infrared communication function section in accordance
8 with a judgement.

Sub C1 2. The communication method for a portable radio terminal
with an infrared communication function according to Claim 1,
3 wherein said driving current of said light emitting element in said
4 infrared communication function section is controlled in accordance
5 with a transmission power value of said radio communication function
6 section.

Sub A2 3. The communication method for a portable radio terminal with
2 an infrared communication function according to Claim 1, wherein
3 it is notified that a communicable distance of said infrared
4 communication function is restricted.

4. A communication method for a portable radio terminal with
2 an infrared communication function, said communication method
3 comprising:

4 a step of judging whether a radio communication function
5 section is in radio communication or not; and

6 a step of selecting an infrared communication function among
7 a plurality of infrared communication functions in accordance with

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8 a judgement.

1 5. The communication method for a portable radio terminal
2 with an infrared communication function according to Claim 4,
3 wherein said infrared communication function is selected among said
4 plurality of infrared communication functions in accordance a
5 transmission power value of said radio communication function
6 section.

1 6. The communication method for a portable radio terminal with
2 an infrared communication function according to Claim 4, wherein
3 it is notified that a communicable distance of said infrared
4 communication function is restricted.

1 7. A portable radio terminal with an infrared communication
2 function comprising:
3 a radio communication function section;
4 an infrared communication function section; and
5 an information processing section for detecting a function
6 state of said radio communication function section and for
7 controlling an infrared output from said infrared communication
8 function section.

1 8. The portable radio terminal with an infrared communication
2 function according to Claim 7, wherein said function state is a
3 radio output of said radio communication function section, and said
4 infrared output is controlled to be small when said radio output
5 is larger.

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- 1 9. The portable radio terminal with an infrared communication
2 function according to Claim 8, wherein said small infrared output
3 corresponds to restricting a communicable distance of said infrared
4 communication function.

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